

What is claimed is:

1. A dishonest registration preventive apparatus in a personal authentication system, which collates an image obtained by photographing of a person with a beforehand registered image to authenticate the person on the basis of results of the collation, the apparatus comprising

detection means for detecting positions of a predetermined part of the person from a plurality of images acquired by consecutively photographing the predetermined part,

calculation means for calculating a variation between a position at this time and a position at the last time for a second position and subsequent positions, which are detected by the detection means,

determination means for comparing a variation calculated by the calculation means with a predetermined threshold to determine an image at this time as a registrable image when the variation does not amount to the threshold and to determine the image at this time as an unregistrable image when the variation exceeds the threshold, and

storage means for registering and storing images, which are determined by the determination means to be registrable.

2. The dishonest registration preventive apparatus according to claim 1, wherein the determination means determines the image at this time to be unregistrable when the variation

calculated by the calculation means is over the threshold, and determines that those images among the plurality of images, which are acquired subsequent to the image at this time having been determined to be unregistrable, are all unregistrable.

3. A dishonest registration preventive apparatus in a personal authentication system, which collates an image obtained by photographing of a person with a beforehand registered image to authenticate the person on the basis of results of the collation, the apparatus comprising

detection means for detecting positions of a predetermined part of the person from a plurality of images acquired by consecutively photographing the predetermined part,

measurement means for measuring an interval until a position at this time is detected after a position at the last time is detected, for a second position and subsequent positions, which are detected by the detection means,

determination means for comparing an interval measured by the measurement means with a predetermined threshold to determine an image at this time as a registrable image when the interval does not amount to the threshold and to determine the image at this time as an unregistrable image when the interval exceeds the threshold, and

storage means for registering and storing images, which are determined by the determination means to be registrable.

4. The dishonest registration preventive apparatus according to claim 3, wherein the determination means determines the image at this time to be unregistrable when the interval measured by the measurement means is over the threshold, and determines that those images among the plurality of images, which are acquired subsequent to the image at this time having been determined to be unregistrable, are all unregistrable.

5. A dishonest registration preventive apparatus in a personal authentication system, which collates an image obtained by photographing of a person with a beforehand registered image to authenticate the person on the basis of results of the collation, the apparatus comprising

detection means for detecting positions of a predetermined part of the person from a plurality of images acquired by consecutively photographing the predetermined part,

calculation means for calculating a variation between a position at this time and a position at the last time for a second position and subsequent positions, which are detected by the detection means,

measurement means for measuring an interval until a position at this time is detected after a position at the last time is detected, for a second position and subsequent positions, which are detected by the detection means,

determination means for comparing a variation calculated

by the calculation means with a predetermined threshold and comparing an interval measured by the measurement means with a predetermined threshold to determine an image at this time as a registrable image when the variation and the interval do not amount to the thresholds and to determine the image at this time as an unregistrable image when the variation or the interval is over the threshold, and

storage means for registering and storing images, which are determined by the determination means to be registrable.

6. The dishonest registration preventive apparatus according to claim 5, wherein the determination means determines the image at this time to be unregistrable when the variation or the interval is over the threshold, and determines that those images among the plurality of images, which are acquired subsequent to the image at this time having been determined to be unregistrable, are all unregistrable.